

### **Amendments to the Claims**

This listing of claims will replace all prior versions, and listings, of claims in the application:

#### **Listing of Claims:**

1. (Currently amended) A method for ~~activating~~ re-activating an integration adapter using an integration broker application program as part of an enterprise application integration solution, the method comprising:

a. monitoring messaging between the ~~integration adapter application program~~ and a further ~~remote~~ application for a ~~predetermined~~ an event; and notifying a queue manager when the ~~predetermined~~ event occurs;

b. generating a trigger message based on the ~~predetermined~~ event and predetermined process parameters associated with the ~~integration adapter application program~~; and providing the queue manager with a process definition object having the predetermined process parameters; ~~and~~

c. generating an activation command based on the trigger message operable to activate the ~~integration adapter application program~~; and

d. if the integration broker detects a loss of connectivity with the integration adapter, restarting the integration adapter.

2. (Currently amended) The method of claim 1, wherein step a. further comprises

monitoring the messaging for at least one of the group of (1) an indication that a connection with an application adapter is lost, and (2) a message indicative of the ~~integration adapter application program~~ integration adapter entering a maintenance shutdown.

3. (Previously presented) The method of claim 1, wherein

step b. further comprises the queue manager generating the trigger message so as to include at least one of the parameters.

4. (Currently amended) The method of claim 3, wherein the

step b. further comprises receiving at an application queue associated with the queue manager an application messaging indicative of a trigger event ~~wherein the application messaging is controlled by an integration broker~~ based on at least one parameter from the group of activation parameters of a time interval, a repeat activation number, and a type of activation.

5. (Currently amended) The method of claim 4, wherein ~~the application program is an integration adapter, and~~

step c. comprises generating an activation command from one of the group of a start command, a resume command, and a restart command, based on the trigger messaging in response to the type of activation parameter.

6. (Currently amended) The method of claim 5, wherein

step a. is preceded by an automatic activation setup comprising: entering application parameters and trigger parameters, the application parameters comprising one of the group of an identifier of the queue manager, an identifier of the integration adapter, a path for a start up batch file of the integration adapter, and a name of a server on which the integration adapter application program runs; and the trigger parameters comprise said at least one parameter from the group of parameters of a time interval, a repeat activation number, and a type of activation; and generating an initiation queue, creating the process definition object based on at least one of the application parameters or trigger parameters, and running a trigger monitor which is operable to generate the activation command.

7. (Currently amended) An information handling system operable to execute an integration adapter as part of an enterprise application integration solution application program, the system comprising

a processor and

an application activation tool operable for activating the integration adapter application-program, the activation tool comprising plural instructions and the processor is operably configured to execute said plural instructions, the plural instructions comprising: a. monitoring instructions operable for monitoring messaging between the integration adapter application-program and a further application for a predetermined event; b. trigger instructions operable for generating a trigger message based on the predetermined event and predetermined process parameters associated with the integration adapter application-program; and c. activation instructions configured to generate an activation command based on the trigger message operable for activating the integration adapter application-program.

8. (Currently amended) The information handling system of claim 7, wherein the monitoring instructions further comprise

instructions configured to monitor the messaging for at least one of the group of (1) an indication that a connection with an application adapter is lost, and (2) a message indicative of the integration adapter application-program entering a maintenance shutdown.

9. (Original) The information handling system of claim 7, wherein the monitoring instructions further comprise

queue instructions configured to notify a queue manager (QM) when the predetermined event occurs, and the trigger instructions further comprise process definition instructions configured to provide the queue manager with a process definition object having the predetermined process parameters and control the queue manager to generate the trigger message so as to include at least one of the parameters.

10. (Original) The information handling system of claim 9, wherein the trigger instructions are further configured to receiving at an application queue associated with the queue manager an application messaging indicative of a trigger event wherein the application messaging is controlled by an integration broker based on at least one parameter from the group of activation

parameters of a time interval, a repeat activation number, and a type of activation.

11. (Currently amended) The information handling system of claim 10, wherein the ~~application program is an integration adapter, and the~~ activation instructions further comprise command instructions configured to generate an activation command from one of the group of a start command, a resume command, and a shutdown/restart command, based on the trigger messaging in response to the type of activation parameter.

12. (Currently amended) The information handling system of claim 11, further comprising automatic activation setup instructions configured to: enter application parameters and trigger parameters, the application parameters comprising one of the group of an identifier of the queue manager, an identifier of the integration adapter, a path for a start up batch file of the integration adapter, and a name of a server on which the ~~integration adapter application program~~ runs; and the trigger parameters comprise said at least one parameter from the group of parameters of a time interval, a repeat activation number, and a type of activation; and generate an initiation queue, create the process definition object based on at least one of the application parameters or trigger parameters, and run a trigger monitor which is operable for generating the activation command.

13. (Currently amended) A program product embodied in a tangible computer readable medium executable by a device for generating an object operable in activating an integration adapter application program, the product comprising:

a. monitoring instructions operable for monitoring messaging between the integration adapter application program and a further ~~remote~~ application for a predetermined event; and notifying a queue manager when the predetermined event occurs;

b. trigger instructions operable for generating a trigger message based on the predetermined event and predetermined process parameters associated with the integration adapter application program; and

c. activation instructions configured to generate an activation command based on the trigger message operable for activating the integration adapter application program.

14. (Currently amended) The program product of claim 13, wherein the monitoring instructions further comprise

instructions configured to monitor the messaging for at least one of the group of (1) an indication that a connection with an application adapter is lost, and (2) a message indicative of the integration adapter application program entering a maintenance shutdown.

15. (Previously presented) The program product of claim 13, wherein the monitoring instructions further comprise

queue instructions configured to notify the queue manager when the predetermined event occurs, and the trigger instructions further comprise process definition instructions configured to provide the queue manager with a process definition object having the predetermined process parameters and control the queue manager to generate the trigger message so as to include at least one of the parameters.

16. (Original) The program product of claim 15, wherein the trigger instructions are further configured to receiving at an application queue associated with the queue manager an application messaging indicative of a trigger event wherein the application messaging is controlled by an integration broker based on at least one parameter from the group of activation parameters of a time interval, a repeat activation number, and a type of activation.

17. (Currently amended) The program product of claim 16, wherein the integration adapter application program is an integration adapter, and the activation instructions further comprise command instructions configured to generate an activation command from one of the group of a start command, a resume command, and a shutdown/restart command, based on the trigger messaging in response to the type of activation parameter.

18. (Currently amended) The program product of claim 16, further comprising

automatic activation setup instructions configured to: enter application parameters and trigger parameters, the application parameters comprising one of the group of an identifier of the queue manager, an identifier of the integration adapter, a path for a start up batch file of the integration adapter, and a name of a server on which the integration adapter application program runs; and the trigger parameters comprise said at least one parameter from the group of parameters of a time interval, a repeat activation number, and a type of activation; and generate an initiation queue, create the process definition object based on at least one of the application parameters or trigger parameters, and run a trigger monitor which is operable for generating the activation command.